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Electron Impact Ionization of W+ S. D. LOCH, M. S. PINDZOLA, Auburn University, Auburn AL — Electron-impact single and double ionization cross sections for the W+ atomic ion are calculated using a combination of time-dependent close-coupling and time-independent distorted-wave methods. Direct ionization of the 6s and 5d subshells dominates the single ionization cross section, while direct ionization of the 4f and 5p subshells dominates the double ionization cross section. The cross sections for W+ are compared with crossed-beams measurements.

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